

HIA

| Notice of Allowability | Application No. | Applicant(s) | |
|-------------------------------|------------------------|---------------------|--|
| | 10/720,196 | WANG, WEN-CHIEH | |
| | Examiner | Art Unit | |
| Michael V. Datskovskiy | | 2835 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to 11/15/2003.
2. The allowed claim(s) is/are 1-7.
3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.

MICHAEL DATSKOVSKIY
 PRIMARY EXAMINER

Lev Datskovskiy 10/17/05

REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance: The claims 1-7 are allowable over the prior art of record for at least the reason that the prior art fails to teach or suggest an auto-locking support structure constructed in a split base of a portable computer, said split base comprising a pivot joint at a top side thereof, a pivot hole axially disposed in parallel to said pivot joint, sliding track means transversely extended between said pivot joint and said pivot hole, and at least one recessed retaining hole, the auto-locking support structure comprising; a cover plate, said cover plate having a coupling portion pivoted to said pivot joint, and at least one retaining projection corresponding and adapted to engage with said at least one recessed retaining hole; a pivot shaft, said pivot shaft having a coupling end formed at one end thereof and pivoted to said pivot hole of said split base, a free end formed at an opposite end thereof, and at least one supporting bar perpendicularly extended from the periphery thereof between said coupling end and said free end; a spiral spring sleeved onto the coupling end of said pivot shaft, said spiral spring having a first end fixedly connected to said pivot shaft and a second end fixedly connected to said split base, said spiral spring adapted to impart a biasing force to rotate said pivot shaft along said pivot hole and to impart an axial pre-stress to move said pivot shaft axially, a link, said link having a top coupling end pivotally connected to a part of said cover plate beyond the coupling portion of said cover plate, and a bottom coupling end; and a slide pivoted to the bottom coupling end of said link and movable in said sliding track means

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of said split base, said slide having a beveled portion stopped against the free end of said pivot shaft.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

2. Chuang et al (US Patent 6,700,775) and Ulla et al (US Patent 6,882,524) each teach an auto-locking support structure constructed in a split base of a portable computer, however, none of them teach such support structure characterized by details claimed by the applicant.
3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael V. Datskovskiy whose telephone number is (571) 272-2040. The examiner can normally be reached on 8-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn Feild can be reached on (571) 272-2092. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Michael V Datskovskiy
Primary Examiner
Art Unit 2835

10/17/2005